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1/1 ページ

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-024578

(43)Date of publication of application : 28.01.1997

(51)Int.Cl.

B32B 15/08

B05D 7/14

B32B 15/18

B32B 27/18

B32B 27/30

(21)Application number : 07-174985

(71)Applicant : NKK CORP

(22)Date of filing : 11.07.1995

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(54) CLEAR-COATED STAINLESS STEEL PLATE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a clear-coated stainless steel plate suitable for building materials or panel materials for a kitchen, which are excellent in brilliance, scratch-proofness, contamination-proofness, by protecting the surface of stainless steel material having a metallic glass without degrading the metallic glass.

SOLUTION: A clear-coated stainless steel plate has a chemical conversion treated coating formed on at least one surface by applying a chemical conversion treatment liquid containing phosphoric acid and silica and drying it, and a metallic coating-like clear coating formed thereon. The clear coating has a film thickness within the range of 5 to 50 μ m including the limit values. The clear coating is formed by applying a coating fluid containing an acryl-base organic polymer, siloxane-base inorganic polymer, a hardening agent, and metal powder and/or mica powder and drying the coating fluid.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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